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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. Y3-6
First Inventor HEILBRONNER et al.
Title LOW-INDUCTANCE CIRCUIT ARRANGEMENT FOR POWER SEMICONDUCTOR MODULES
Express Mail Label No. ER 24154444 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 36]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 5]
 - a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
 - b. ☐ (for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney **WITH DEC. - INSIGNED**
11. ☒ English Translation Document (if applicable) + **CERTIFICATE OF TRANSLATION**
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **COPY OF DE. ORIGINAL APPLICATION DE. 122.37.561.5... & FULL PAYMENT**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Andrew F. Young				
	Andrew F. Young, P.C.				
Address	115 Orchid St.				
City	Floral Park	State	New York	Zip Code	11001
Country	USA	Telephone	516-775-0068	Fax	516-775-0068

Name (Print/Type)	Andrew F. Young, Esq.	Registration No. (Attorney/Agent)	44,001
Signature	<i>A. Young</i>	Date	8/18/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

03944 U.S. PTO

10/643391


08/18/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : **HEILBRONNER et al.**
Serial No. : Unassigned
Filed : Herewith
For : **LOW-INDUCTANCE CIRCUIT ARRANGEMENT FOR
POWER SEMICONDUCTOR MODULES**
Examiner : Unassigned
Art Unit : Unassigned
Docket No. : Y3-6

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, in an envelope addressed to: Hon. Assistant Commissioner for Patents, Arlington, VA 22202 on:

Date : August 18, 2003
By : Andrew F. Young, Esq.
Signature : 
Customer Receipt No.: ER ~~24154444~~ 24154444 VS

APPLICATION FILING SHEET

Mail Stop: PATENT APPLICATION - FEE

Assistant Commissioner for Patents
Arlington, VA 22202

Sir:

Enclosed is a new Utility Application for immediate filing. The following items are enclosed:

1. Utility Patent Application Transmittal Sheet – PTO/SB/05 – signed
2. Fee Transmittal Sheet – PTO/SB/17 – signed,
3. Fee: \$ 996.00, our Check No. 1057.
4. Patent Fee Determination Record – PTO/SB/06.
5. Application Data Sheet under 37 C.F.R. §1.76, noting priority claim.
6. Utility Patent App. with 36 pages, 5 drawings on 5 sheets.
7. 1.63 Declaration, Oath, and Power of Attorney – PTO/SB/103 – (Unsigned Copy for informational purposes only)
8. Copy of Priority Document DE 102 37 561.5 (Priority Date August 16, 2002) including 18 total pages.
9. Complete translation of DE 102 37 561.5
10. Certificate of Translation - signed by translator.
11. Confirmation Return Receipt Postcard.
12. Information Disclosure Statement + PTO 1449 + full copies of all cited references and translation documents as noted.
13. Certificate of Express Mailing - noted above and herein.

PATENT

Y3-6.LTR to USPTO enc new app.wpd

2

Y3-6

Respectfully submitted,



Andrew F. Young, Esq.
Reg. No. 44,001

Andrew F. Young, P.C.

115 Orchid St.

Floral Park, NY 11001

516-775-0068

Date: 8/18/03

AFY/

Enclosures: (as listed)

Y3-6.LTR to USPTO enc new app.wpd

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**996.00**

Complete if Known

Application Number	unassigned
Filing Date	Herewith
First Named Inventor	HEILBRONNER et al.
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	Y3-6

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 740	2001 370	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 510	2003 255	Plant filing fee	
1004 740	2004 370	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)**750.00**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims **29** -20** = **9** X **18-** = **162.00**
Independent Claims **4** -3** = **1** X **84-** = **84.00**
Multiple Dependent **—** = **—**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**246.00**

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 400	2252 200	Extension for reply within second month	
1253 920	2253 460	Extension for reply within third month	
1254 1,440	2254 720	Extension for reply within fourth month	
1255 1,960	2255 980	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,280	2453 640	Petition to revive - unintentional	
1501 1,280	2501 640	Utility issue fee (or reissue)	
1502 460	2502 230	Design issue fee	
1503 620	2503 310	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 740	2809 370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 740	2810 370	For each additional invention to be examined (37 CFR 1.129(b))	
1801 740	2801 370	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) Andrew F. Young, Esq.

Registration No. 44,001
(Attorney/Agent)

(Complete if applicable)

Telephone (516)-775-0068

Signature

A. Young

Date

8/18/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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